

Special Issue

Mesenchymal Stem Cell-Derived Exosomes in Tissue Repair and Regeneration

Message from the Guest Editors

This Special Issue explores the latest advances in MSC-exosome research, focusing on their role in tissue repair and regeneration. We will explore the emerging role of MSC-exosome-based therapies as a next-generation approach in regenerative medicine by examining the bioactive mechanisms and functional impact of MSC-exosomes in addition to researching their biogenesis, molecular composition, and mechanisms of action, along with current advances in their application across various tissues and organ systems, and the therapeutic and regenerative potential of MSC-exosomes in the regulation of immune responses, preventing cell death, and reduced scarring in damaged tissues, offering a safer and potentially more effective alternative to conventional cell-based strategies.

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Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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